

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David W. Larsen  
 Serial No.: 10/780,278  
 Filed: February 17, 2004  
 For: LIGHT SCATTERING DETECTOR

Group Art Unit 2878  
 Conf. No. 7067

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

6/21/04

Date

F-CLASS.WCM

Appr. February 20, 1998

Registration No. 35132

Attorney for Applicant(s)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

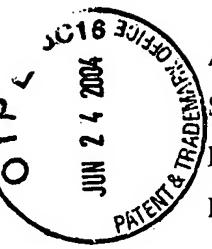
Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By:

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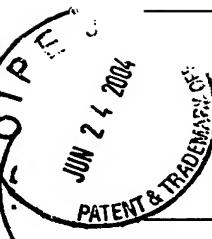
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 Steven P. Fallon  
 Registration No. 35,132



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
2114.68540	10/780,278	7067
APPLICANT		
Larsen et al.		
FILING DATE	GROUP	
2/17/2004	2878	

## REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	4,059,405	Nov. 22, 1977	Sodickson et al.	
1B	4,213,703	July 22, 1980	Haunold et al.	
1C	4,518,700	May 21, 1985	Stephens	
1D	4,781,456	Nov. 1, 1988	Nogami	
1E	4,823,168	Apr. 18, 1989	Kamahori et al.	
1F	4,931,660	June 5, 1990	Mayer	
1G	5,029,276	July 2, 1991	Buehler et al.	
1H	5,134,276	July 28, 1992	Hobbs	
1I	5,376,783	Dec. 27, 1994	Vecht et al.	
1J	5,540,825	July 30, 1996	Yueng et al.	
1K	5,628,891	May 13, 1997	Lee	

## FOREIGN PATENT DOCUMENTS

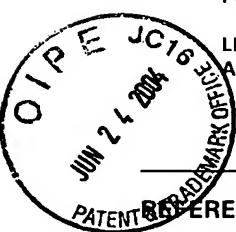
	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L	06053919	2/1994	Japan		
1M					
1N					
1O					
1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Kurt L. Haller and Philip C. D. Hobbs, "Double Beam Laser Absorption Spectroscopy: Shot Noise-Limited Performance at Baseband with a Novel Electronic Noise Canceller, SPIE, Vol. 1435, Optical Methods for Ultrasensitive Detection and Analysis: Techniques and Applications (1991), pp. 298-309.
1R	Product Catalog 2003, Ocean Optics, Inc.
1S	

EXAMINER

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FILING DATE <b>2/17/2004</b>	GROUP <b>2878</b>	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
2A	5,680,209	Oct. 21, 1997	Machler	
2B	5,742,200	Apr. 21, 1998	He	
2C	5,745,243	Apr. 28, 1998	Wilcox et al.	
2D	6,040,914	Mar. 21, 2000	Bortz et al.	
2E	6,097,034	Aug. 1, 2000	Weckstrom et al.	
2F	6,108,083	Aug. 22, 2000	Machler	
2G	6,207,369	Mar. 27, 2001	Wohlstadter et al.	
2H	6,243,170	June 5, 2001	Ershov	
2I	6,249,348	June 19, 2001	Jung et al.	
2J	3,877,817	4/1975	Ralston	
2K	4,070,111	1/1978	Herrick	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
2L					
2M					
2N					
2O					
2P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	
2R	
2S	

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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
3A	4,565,447	1/1986	Nelson	
3B	4,848,904	7/1989	Sapp et al.	
3C	4,922,309	5/1990	Harmon	
3D	5,434,412	7/1995	Sodickson et al.	
3E	5,983,709	11/1999	O'Keeffe	
3F	6,002,477	12/1999	Hammer	
3G	6,297,505	10/2001	Frandsen et al.	
3H	6,449,040	9/2002	Fujita	
3I	6,091,494	7/2000	Kreikebaum	
3J	4,397,557	8/1983	Herwig et al.	
3K	5,745,293	4/1998	Lassalle	

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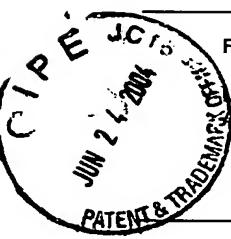
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3Q	
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4A	2003/0210465	11/13/2003	Valenti	
4B	4,929,078	5/1990	Harmon	
4C	6,741,348	5/2004	Larsen et al.	
4D				
4E				
4F				
4G				
4H				
4I				
4J				
4K				

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